

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A double-acting deformable fluid actuator with three chambers, ~~characterized in that it consists of~~ comprising three axisymmetrical coaxial membranes, ~~(10, 11 and 12,)~~ constrained by two end pieces ~~(13 and 14),~~ in order to identify three chambers including, an inner chamber (15), an intermediate chamber (16), and an outer chamber (17); each chamber being supplied with fluid under pressure through respective connectors ~~(18, 19 and 20)~~ set on one of the end pieces.
2. (Currently Amended) The deformable actuator according to Claim 1, ~~characterized in that~~ wherein the coaxial membranes comprise an outer membrane, a central membrane and an inner membrane, and wherein the outer membrane (10) and the inner membrane (12) have limited extensibility along ~~the~~ a meridian direction of ~~the~~ an actuator, ~~the~~ wherein a central membrane (11) being is mounted so as to present limited extensibility in a circumferential direction.
3. (Currently Amended) The deformable actuator according to Claim 1, ~~characterized in that~~ wherein the coaxial membranes comprise an outer membrane, a central membrane and an inner membrane, and wherein the outer membrane (10) and the inner membrane (12) are inextensible along ~~the~~ a meridian direction of ~~the~~ a actuator, ~~whilst and wherein~~ the central membrane (11) is mounted so as to be inextensible in a circumferential direction.
4. (Currently Amended) The deformable actuator according to Claim 1, ~~characterized in that~~ wherein the coaxial membranes comprise an outer membrane, a central membrane and an inner membrane, and wherein the central membrane (11) and the inner membrane (12) have limited extensibility or are inextensible along ~~the~~ a meridian direction of ~~the~~ an

actuator, ~~whilst~~ and wherein the outer membrane (10) is mounted so as to present limited extensibility or to be inextensible in a circumferential direction.

5. (Currently Amended) The deformable actuator according to Claim 1, ~~characterized in that~~ wherein the coaxial membranes comprise an outer membrane, a central membrane and an inner membrane, and wherein the central membrane (11) and the outer membrane (10) have limited extensibility or are inextensible along ~~the a~~ a meridian direction of ~~the an~~ an actuator, ~~whilst~~ and wherein the inner membrane (12) is mounted so as to present limited extensibility or be inextensible in a circumferential direction.

6. (Currently Amended) The deformable actuator according to Claim 1, ~~characterized in that~~ wherein the membranes present lobes in the areas in which high deformability is required to obtain ~~the~~ the phases of pushing and pulling.

7. (Currently Amended) The deformable actuator according to Claim 1, ~~characterized in that~~ wherein the ~~sets of~~ membranes (10, 11 and 12) are two, set on top of one another, and joined by a circumferential connecting stretch (20), which separates ~~the an~~ an inner chamber (15) from the external environment.

8. (Currently Amended) The deformable actuator according to Claim 1, ~~characterized in that~~ wherein the sets of membranes (10, 11 and 12) are three or more sets, arranged on top of one another, and joined by respective circumferential connecting stretches, which separate ~~the an~~ an inner chamber (15) from the external environment.